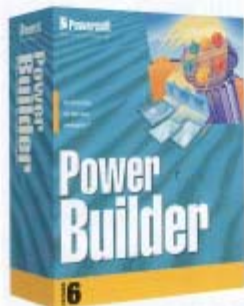


Fall 1997

Powerline Quarterly

INSIDE, THE
Riverton's
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PowerBuilder

New Products Touch Down This Fall!



PowerBuilder 6.0 features enhanced Web capabilities, component generation architecture, and additional UNIX support.

Announced at Powersoft Conference '97, PowerBuilder® Enterprise 6.0 is scheduled to ship late November. A critical element of Sybase's Adaptive Component Architecture™, the leading enterprise application development tool promises new capabilities for creating Web applications, key advancements in distributed development, expanded UNIX platform support, and the ability to generate industry-standard, open components.

"Added support for component-based applications is a very compelling feature of PowerBuilder Enterprise 6.0," said Nick Evans,

manager, National Internet Practice for Coopers & Lybrand. "By leveraging PowerBuilder's 4GL RAD environment to develop industry-standard components, we can build enterprise applications quickly, reduce IT costs, and enhance developer productivity."

PowerBuilder Enterprise 6.0 Top Features

Component Easy—enables development of industry-standard application components and complete, distributed, component-based applications. The component factory simplifies creation of components by generating PowerBuilder objects in PowerBuilder, C++, and soon CORBA and ActiveX component formats. Enhancements to the PowerBuilder 6.0 distributed application server now enable developers to optimize both efficiency and performance of Distributed PowerBuilder applications (see "Distributed Development with PowerBuilder 6.0," p. 6).

Wired for the Web—promotes advanced accessibility to PowerBuilder logic components from a range of thin Web clients. PowerBuilder Enterprise 6.0 expands dynamic HTML-generation capabilities and introduces a secure and extremely low-maintenance environment, which allows users to run downloadable PowerBuilder clients as ActiveX components.

Open Technology—for the heterogeneous enterprise, the 6.0 Enterprise edition now supports both HP/UX and IBM AIX platforms, along with continued support for Sun Solaris, Windows 95, Windows NT, and the Mac OS. A new Unicode-enabled version gives developers the ability to create multilingual business applications.

Productivity Focused—enables Rapid Application Development of enterprise business applications. Among many developer productivity enhancements in PowerBuilder Enterprise 6.0, a new debugger adds extensive just-in-time debugging capabilities and an innovative new user interface. A trace engine and an application profiler capture and present application execution profiles—important development tools for tuning application operation and performance.

Riverton's HOW—Building on its strategic relationship with Riverton Software, Sybase will bundle the Learning Edition of Riverton's component-based application development tool, HOW. For more information on HOW and its benefits within the PowerBuilder environment, see "PowerBuilder 6.0 to Include Riverton's Component Modeling Tool," p. 5.

Announcing PowerStudio

PowerStudio™ Enterprise is a comprehensive suite of professional development tools for designing, developing, and deploying component-based enterprise business applications for client/server, distributed, and Internet-based environments. This bundle supports Sybase's

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Open Tools from Sybase, Inc.



Powerline

Vol. 3, No. 2, Fall 1997

Editor: Mike Perrow
Assistant Editors: Jeff Hooley, Marissa Patton
Design/Layout: Kristin McDonald
Business: Andrea Versakis
Sales: Marissa Patton, Mike Perrow, Denise Forbes
Production: Merle Walsh
Contributors: Bob Roberts, Debra Rafferty, Kanni Suresh, and Christa Williams

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Product News

PowerStudio

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Adaptive Component Architecture with an open and integrated family of development products.

PowerStudio Enterprise includes:

- **PowerBuilder Enterprise**—the market-leading RAD 4GL development tool for building enterprise business applications for client/server, multi-tier, and Internet architectures.
- **PowerSite**—a RAD tool for creating and deploying a new category of enterprise-class, content-driven business applications for the Web.
- **PowerJ Enterprise**—a RAD Java tool for developing and delivering Java applications, applets, and JavaBeans components.
- **Power++ Enterprise**—a RAD C++ development tool for creating high-performance, component-based business applications with the industry-standard C++ language.
- **PowerDesigner AppModeler**—the market-leading database design tool for reverse engineering, modeling, and generating databases.
- **Jaguar CTS** (developer edition included with PowerBuilder Enterprise and PowerJ Enterprise)—a component transaction server for high-performance, secure deployment of open components.

PowerJ Enterprise 2.0—Pushing Java Ahead

Now available, PowerJ Enterprise 2.0 sets the standard for enterprise Java development. With advanced database capabilities and seamless integration with Jaguar CTS, PowerJ makes it possible to build powerful business applications on the Web.

PowerJ builds on Sybase's Adaptive Component Architecture and moves beyond the first generation of Java tools, providing an open, component-based solution for delivering Java on all tiers. PowerJ supports industry standards, including JavaBeans, ActiveX, CORBA, JDBC, the Sun and Microsoft VMs, and emerging application frameworks such as JFC and AFC.

Adaptive Server Enterprise Performance Beyond Comp

Adaptive Server Enterprise 11.5 is Sybase's database solution for high performance application support. Launched at September's IT Forum in New York, Adaptive Server Enterprise is the first member of Sybase's Adaptive Server platform, the server tier of Sybase's Adaptive Component Architecture. This platform provides optimized database performance for a variety of application environments, including common management, administration, data access/movement, data access, and emerging Java support across the entire database family.

For supporting multiple OLTP, decision-support, and Internet-enabled applications, Adaptive Server Enterprise is the database of choice. Unique among databases, Adaptive Server Enterprise provides predictable high performance and supports the evolving nature of transaction processing in unpredictable environments. Using Adaptive Server Enterprise, application options expand to include a distributed architecture as well as secure business applications on

Fast, Easy, Flexible

Built for team development, PowerJ Enterprise includes feature hooks into popular version-control systems and an innovative Web Application Target that provides developers with a simple way to integrate editing, debugging, and publishing of a Web application.

PowerJ features provide a highly productive, component-based development system with drag-and-drop programming and wizards. The development environment includes 240+ pure Java components that are fully compliant with JavaSoft's JDK 1.1 and 1.02.

Extending Client/Server to the Web

A powerful set of "data-aware" components offer exceptional database support and can be used with any JDBC source. The included query component enables client-side caching for rapid display and updates.

Sybase's jConnect™ for JDBC™ is included—a full thin-client JDBC implementation—for fast, 100-percent-Java, native database access to the Sybase Adaptive Server™ database family. Sybase® SQL Anywhere™, a three-user version of the award-winning relational database, provides a complete environment for building and testing applications.

Multitiered Web OLTP

PowerJ includes Jaguar CTS for a scalable, high-performance, middle-tier deployment environment with flexible transaction management. Developers can deploy business logic as JavaBeans in Jaguar CTS and use PowerJ data-aware controls to return and display result sets without additional coding.

Jaguar CTS Powering Net-Based Applications

Now shipping, Sybase's first component to combine a scalable architecture with support for component models, Java, C/C++, and CORBA, Jaguar CTS is helping to deploy applications in intranets, and client/s

"In the past, organizations stymied in their efforts to deploy thin-client OLTP on the Web due to the limitations of traditional application services to manage components in the middle tier. Thomas, Senior Consultant in Chief, Distributed Computing, Patricia Seybold Group. Jaguar CTS, is helping to define a new category of middleware

Find out more about Jaguar CTS at www.sybase.com/jcts

PRODUCT	PRODUCT AVAILABILITY DATE
PowerBuilder 6.0	GA November 1997
PowerJ	Available Now!
PowerStudio Enterprise	Available Now!

PowerSoft Beta 1

PowerSoft Powersoft
Download your own copy from the Sybase website, then explore this redefining tool for debugging, and deploying business applications. PowerSite combines